SwipeBite - Bi-Weekly Progress

SungJun Park
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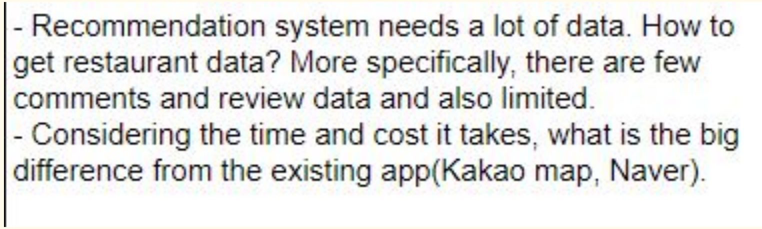
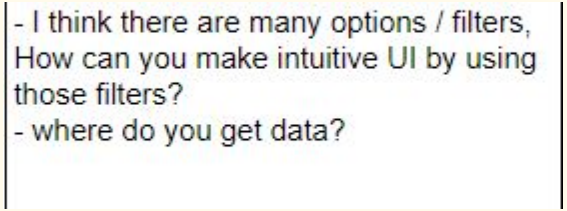
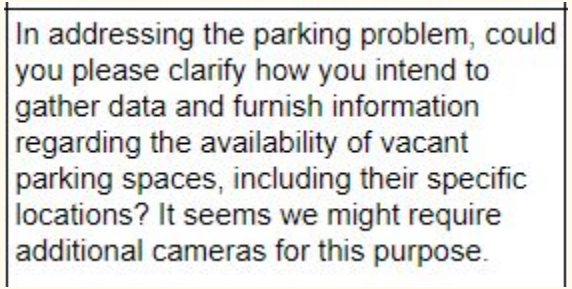
Addressing Feedback



- Recommendation system needs a lot of data. How to get restaurant data? More specifically, there are few comments and review data and also limited.
- Considering the time and cost it takes, what is the big difference from the existing app(Kakao map, Naver).



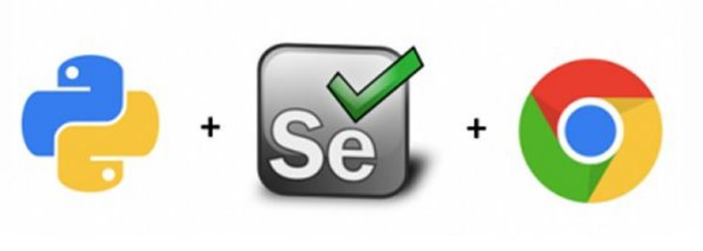
- I think there are many options / filters, How can you make intuitive UI by using those filters?
- where do you get data?

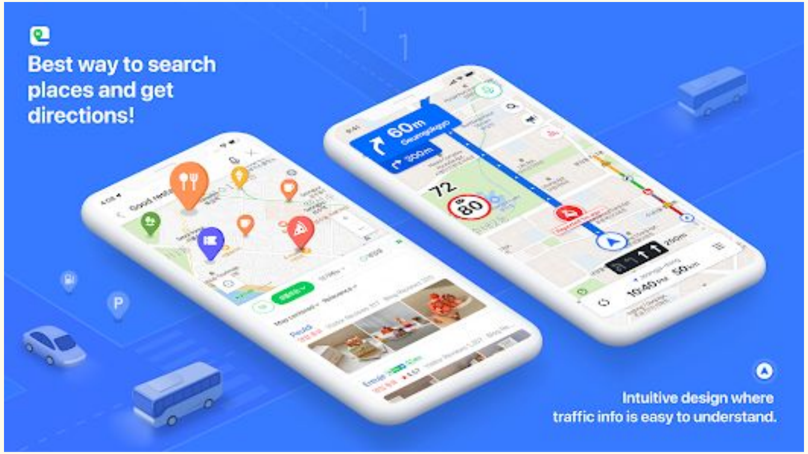


In addressing the parking problem, could you please clarify how you intend to gather data and furnish information regarding the availability of vacant parking spaces, including their specific locations? It seems we might require additional cameras for this purpose.

- **Data Collection:** Initially thought about using Google API or Naver API but now we are going to develop our own web crawler for Naver Maps.
- **Parking Information:** Our train of thought with this feature was to let the user know if there is parking on the premises of the restaurant. We are ***NOT*** providing whether these parking spaces are occupied or empty. We can get this from Naver Maps.
- **Too Many Filters:** We try to include a certain amount of filters so that it is quicker for the user to decide where to eat, an attempt to narrow down options.

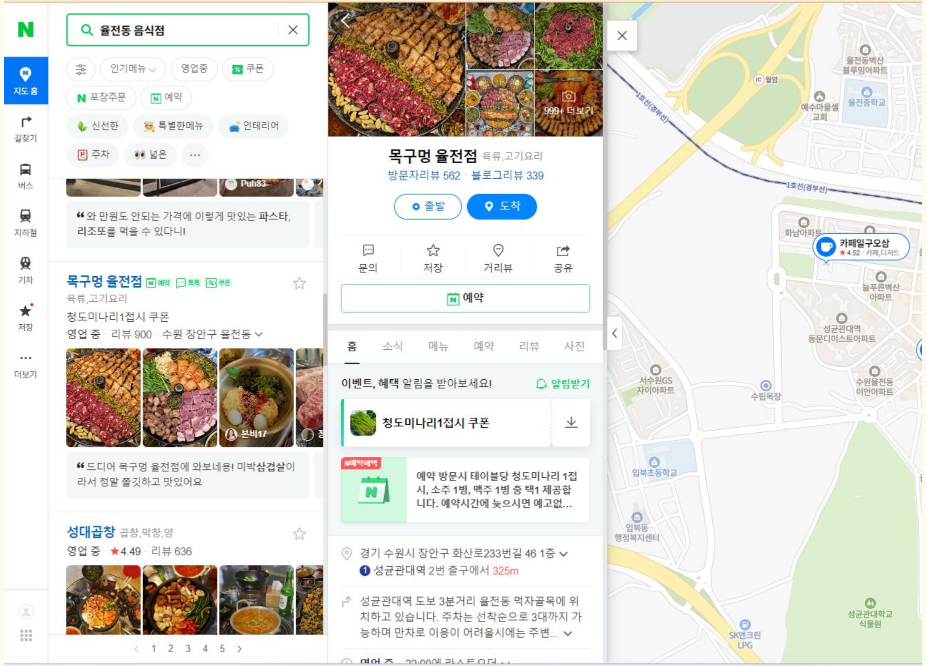
Naver Maps Crawler




Best way to search places and get directions!
Intuitive design where traffic info is easy to understand.

- **HTML Parsing:** We'll use HTML parsing libraries to extract the desired data from the page's structure.
- **Data Storage:** Extracted data will be stored in a structured format, such as a database or CSV files, for further analysis and use.

Naver Maps Crawler



율전동 음식점

“와 만원도 안되는 가격에 이렇게 맛있는 파스타, 리조또를 먹을 수 있다니!

목구멍 율전점
육류,고기요리
청도미나리1접시 쿠폰
영업 중 · 리뷰 900 · 수원 장안구 율전동

“드디어 목구멍 율전점에 와보네용! 미박삼겹살이라서 정말 쫄깃하고 맛있어요

성대곱창 곱창,막창,양
영업 중 · ★4.49 · 리뷰 636

목구멍 율전점 육류,고기요리
방문자리뷰 562 · 블로그리뷰 339

이벤트, 혜택 알림을 받아보세요!

청도미나리1접시 쿠폰

예약 방문시 테이블당 청도미나리 1접시, 소주 1병, 맥주 1병 중 택1 제공합니다. 예약시간에 늦으시면 예고없...

경기 수원시 장안구 화산로233번길 46 1층
1 성균관대역 2번 출구에서 325m

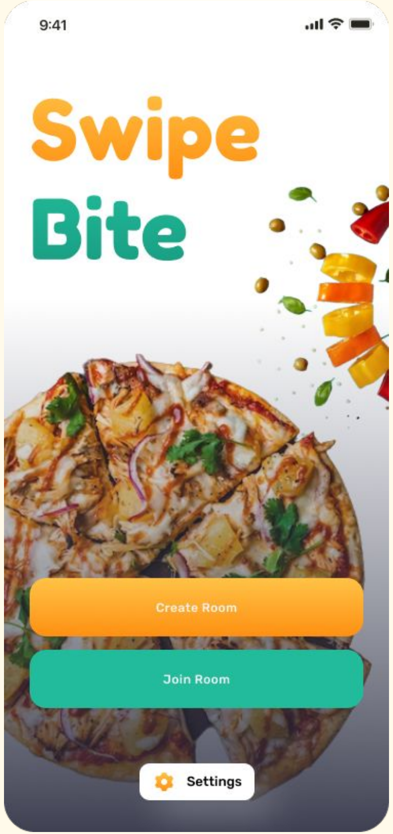
성균관대역 도보 3분거리 율전동 먹자골목에 위치하고 있습니다. 주차는 선착순으로 3대까지 가능하며 만차로 이용이 어려울시에는 주변...

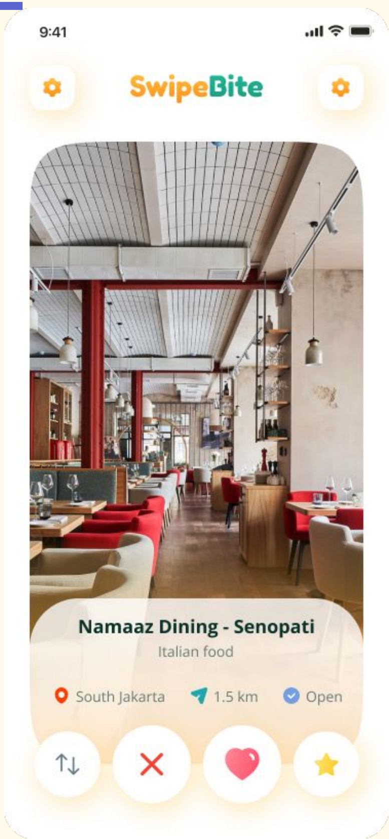
영업 중 · 22:00에 라스트오더

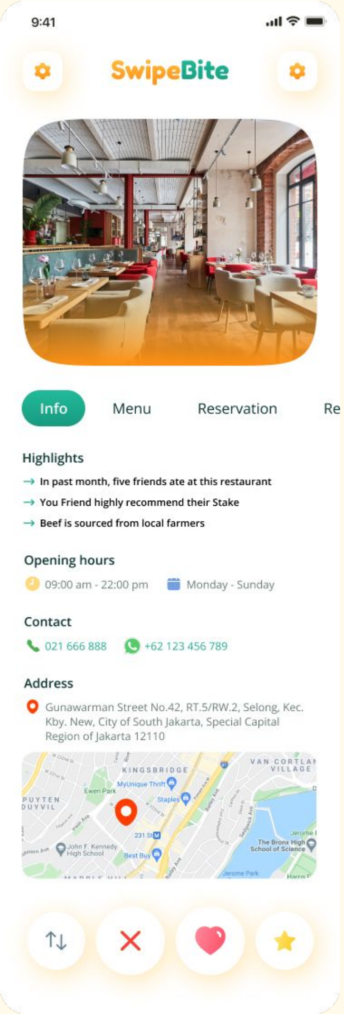
We managed to crawl

- Name of restaurant
- Category of restaurant
- Ratings
- Number of Reviews
- Several Photos
- Opening Hours
- Whether Parking is available
- Phone Number
- Menu Plate
- Dishes and Price

Initial UI Design







Highlights

→ In past month, five friends ate at this restaurant

→ You Friend highly recommend their Stake

→ Beef is sourced from local farmers

Opening hours

09:00 am - 22:00 pm   Monday - Sunday

Contact

021 666 888   +62 123 456 789

Address

Gunawarman Street No.42, RT.5/RW.2, Selong, Kec. Kby. New, City of South Jakarta, Special Capital Region of Jakarta 12110

Project Plan - Role Assignment

- **Shakhzod** - Backend Team
  - Server - setting up infrastructure
  - Database - schema for storing profiles, food data, etc
  - Work on developing API

- **Ramon Arias** - Frontend Team
  - Design UI/UX
  - Implement design into functional code
  - Work on developing API

- **Sung Jun Park** - Backend Team
  - Continue developing crawler
  - Design and implement features for the app
  - Work on developing API

- **Yujin Juhn** - Backend Team
  - Continue developing crawler
  - Post-process on achieved data
  - Work on developing API